

इंडियन इंस्टीट्यूट ऑफ टेक्नोलॉजी दिल्ली  
हौज खास, नई दिल्ली -110016  
(औद्योगिक अनुसंधान एवं विकास इकाई)  
INDIAN INSTITUTE OF TECHNOLOGY DELHI  
Hauz Khas, New Delhi-110016  
(Industrial Research & Development Unit)

No. IITD/IRD/RP03446G/191515

Dated: 16/12/2019

**Advertisement No.: IITD/IRD/249/2019**

Applications from Indian nationals are invited for Project Appointment under the following project. Appointment shall be on contractual basis with consolidated pay, renewable yearly or upto the duration of the project, whichever is earlier. निम्नलिखित परियोजना के तहत भारतीय नागरिकों से आवेदन आमंत्रित किए जाते हैं। अपॉइंटमेंट, अनुबंधित आधार पर समेकित वेतन, नवीकरणीय वार्षिक या परियोजना की अवधि तक, जो भी पहले हो, के साथ होगा।

Title of the Project	Development of Time Resolved THz Imaging and Spectroscopy System for Studying High Energy Density Materials and Condensed Explosives under Functionalized Condition (JATC Sub Project # 17 under MI01618) (RP03446G)	
Funding Agency	DRDO, Ministry of Defence	
Name of the Project Investigator	Prof. Amartya Sengupta	
Deptt./Centre	Department of Physics	
Duration of the Project	Upto:31/10/2022	
Post (s)	Fellowship / Consolidated Pay-slab	Qualifications
Principal Project Scientist (1)	Rs.56,000-60,000-64,000-69,000-74,000-79,000/- p.m. plus HRA @ 24%	Ph.D. with first class or equivalent at the preceding degree in the Physics / Electrical Engineering / Material Science  OR 1 <sup>st</sup> class M.Tech. or equivalent with 6 years' experience. Additional required Criteria: (1) Experience of working with ultrafast lasers and THz photonics systems, (2) Ability to develop the experimental setup including optics, electronics and PC interfacing, (3) Excellent programming skills in MATLAB & COMSOL, (4) Excellent English communication skills & knowledge of word processing suits.

The candidates who are interested to apply for the above post should download **Form No. IRD/REC-4** from the IRD Website (<http://ird.iitd.ac.in/rec>) of IIT Delhi and submit the duly filled form with complete information regarding educational qualifications indicating percentage of marks/division, one page statement of research experience and names and contact information of two professional/academic references, details of work experience etc. **by e-mail to Prof. Amartya Sengupta with advertisement No. on the subject line to: amartya@physics.iitd.ac.in**

IIT Delhi reserves the right to fix higher criteria for short-listing of eligible candidates from those satisfying advertised qualification and requirement of the project post and their name will be displayed on web link (<http://ird.iitd.ac.in/shortlisted>) alongwith the interview details. Only short-listed candidates will be informed. In case any clarification is required on eligibility regarding the above post, the candidate may contact Prof. Amartya Sengupta at e-mail id: [amartya@physics.iitd.ac.in](mailto:amartya@physics.iitd.ac.in)

5% relaxation of marks may be granted to the SC/ST Candidates. In case of selection of a retired/superannuated government employee, his/her salary will be fixed as per prevailing IRD norms. अनुसूचित जाति / अनुसूचित जनजाति के उम्मीदवारों को अंकों की 5% छूट दी जा सकती है। एक सेवानिवृत्त सरकारी कर्मचारी के चयन के मामले में उसका वेतन वर्तमान आईआरडी मानदंडों के अनुसार तय किया जाएगा।

**The last date for submitting the completed applications by e-mail is 31/12/2019 by 5.00 p.m.** The shortlisted candidates who are called for interview should bring original certificates (both professional and academic) with a recent passport size photograph at the time of interview.

सहायक कुल्सचिव, आईआरडी

**वितरण**

- Head of the Deptt./Centres/Units :
- Webmaster, IRD :
- Notice Boards
- Advertisement file
- Prof. Amartya Sengupta, PI, Deptt. of Physics
- Copy to Chairperson, DRC/CRC
- Dr. Harshita Bhatnagar, RD Coordinator, (R&D) Wing

It is requested that the contents of the Above Advt. be brought to the notice of the staff working in your Deptt./Centre/Unit To put advertisement at IITD website.